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NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

). - Designated Officer
A - Northern Pipeline Agency
Act - Northern Pipeline Act
) - National Energy Board
Act - National Energy Board Act

FH(Y) - Foothills Pipe Lines (Yukon) Ltd.
FH(NY) - Foothills Pipe Lines (North Yukon) Ltd.
FH(SY) - Foothills Pipe Lines (South Yukon) Ltd.
FH(NBC) - Foothills Pipe Lines (North B.C.) Ltd.
FH(A) - Foothills Pipe Lines (Alta.) Ltd.
FH(S) - Foothills Pipe Lines (Sask.) Ltd.
FH(SBC) - Foothills Pipe Lines (South B.C.) Ltd.
FHGC - Foothills Group of Companies

Cond. - Condition
SCH - Schedule
PPBoR - Plans, Profiles and Books of References
T&C - Terms and Conditions
P/L - Pipeline
Regs. - Regulations
Mfg. - Manufacturing
CS - Compressor Station

ETTER ATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
) 7 8			
1-13	FH(SY), FH(NBC), FH(A), FH(S) & FH(SBC)	Certificates of Public Convenience and Necessity	These Certificates were declared to have been issued under the NP Act.
-04	FH(Y), FH(SY), FH(NY), FH(NBC), FH(SBC), FH(A) & FH(S)	Agreements - Foothills Group/Gov't of Canada	(a) Throughput Agreement (b) Dempster Link Agreement
-05	FH(Y)	Consultation and Test Contract - British Gas Corporation/Interim Procedures on Procurement	In excess of $500,000 - Canadian Suppliers $100,000 - Foreign Suppliers.
1-13	FH(Y)	Report on Procurement Plan	For Line pipe only.
-27	D.O.	Deleg. of Powers, Duties and Functions of NEB in respect of specified provisions of the NEB Act	These powers etc. were delegated by the NEB to the D.O., NPA, to facilitate the granting of those construction approvals required for the pipeline under the provisions of the NEB Act. (NEB retains power to grant LEAVE TO OPEN).
8-08	FH(Y)	Line Pipe Bidding Document	For Bidding Purposes Only, further approvals must be sought.
0-31	FH(SY), FH(NBC), FH(A) & FH(S)	Landowners Information Booklet	This Booklet was required to provide detailed information to Landowners along the P/L route.
1-31	FH(SY), FH(NBC), FH(A), FH(S) & FH(SBC)	Engineering/Tech. Req. Orders (5)	These Orders were issued to set out the requirements relating to (a) detailed engineering design, (b) proposed scheduling & cost-control procedures, and (c) proposed construction & inspection specs. and procedures to be met by FHGC.

Date: Aug. 24/81
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o.: Northern Pipeline Agency

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NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1979			
02-20	FH(SY), FH((NBC), FH(A) & FH(S)	Format of Easement Agreements	NPA had NO mandate to direct or control terms and conditions for these agreements, however the comments made by NPA achieved that these agreements are a considerable improvement over earlier ones used in the P/L industry.
05-03	FH(Y)	Large Dia. pipe for Burst Tests	These tests are required to commence Burst testing to prove design of the pipeline. Pipe was supplied by Steico.
-11	FH(Y)	Instrumentation etc Bid Package	Required for Alberta Burst Test Facility.
07-30	FH(Y)	Bidders List for Construction Contract for Alberta Burst Test Facility	Contractor selected was Henuset Rentals Ltd.
09-06	-	Federal/Territorial Memorandum of Agreement regarding cooperation and consultation	Goverment of Canada and Yukon Territory.
11-15	D.O.	Deleg of Auth. for Review Gas P/L Regs. & Cond. 17/SCH III/NP Act	This delegation assists in the review and recommendation for approval of pipeline matters reserved unto NEB.
11-22	FH(NBC)	Plans, Profiles and Books of Ref.	Two PPBoR only were submitted covering about 11 km at the most southeasterly end of this segment - Qualified Acceptance only - Zone 4.
1980			
01-07	FH(A) & FH(SBC)	Bidders List/Pipe Transportation Contracts	Limited to Prebuild/Zones 7 & 8 only.
-14	FH(Y)	Line Pipe Contracts	Draft terms and conditions only (Ipsco & Steico).
-18	FH(Y)	Bidders List & Bid Doc./High Strength Steel Piping - CS	For Prebuild only.

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NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
01-18	FH(A)	Fracture Control Methodology	Technical requirement/Zone 7 only.
-31	FH(Y)	Bid. Doc. for Gas Powered Valve Operators & Bidders List	This is not the approval of a contract (Bid. Doc. & Bidders List Only).
02-12	FH(Y)	Bidders List Procurement of Turbo. Mech.	For Prebuild only.
-22	FH(Y)	Procurement-large Dia. Valv. & Fit.	For Prebuild only.
-22	FH(A)	Procurement-Turbo Machinery	Two units, CS FA-11, Zone 6.
-25	FH(SBC)	Landowners Information Booklet	This Booklet was required to provide detailed information to Landowners along the P/L route.
03-05	FH(S)	Procurement-Turbo Machinery	Two units, one each at CS FS-2 & FS-4, Zone 9.
-13	FH(A), FH(S) & FH(SBC)	Change in Supplier/Large Diam. Valves & Fittings	For Prebuild only.
-14	FH(A), FH(S) & FH(SBC)	Fracture Control Methodology	Technical requirement Western Leg/Zone 6 Only-FH(S) & FH(SBC) were not required to provide info. under NP Orders but did submit info.
-14	FH(A), FH(S) & FH(SBC)	Major Materials Specifications	Zones 6 & 7, 9 & 8 only.
-17	FH(A), FH(S) & FH(SBC)	Material Specs. & Line Pipe	Zones 6 & 7, 9 & 8 only. (NEB Approvals).
-19	FH(SBC)	Movement of pipeline in seismic activity Zones.	Relates to Zone 8 only - pipeline not to be constructed in seismic activity zones.
-19	FH(SBC)	Movement of pipeline in soils under frozen or thawed conditions.	Relates to Zone 8 only - pipeline not to be constructed in areas subject to these conditions.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
03-19	FH(A)	Movement of pipeline in seismic activity zones.	Relates to Zones 5, 6 & 7 only - pipeline not to be constructed in seismic acticity zones.
-20	FH(SBC)	Terrain Assessment	Relates to Zone 8 (PREBUILD ONLY).
-20	FH(A), FH(S) & FH(SBC)	Line Pipe Specifications	Ministerial approval - Zones 6, 7, 8 & 9 only.
-27	FH(A)	Movement of pipeline in soils under frozen or thawed conditions.	Relates to Zones 6 & 7 only - pipeline not to be constructed in areas subject to these conditions
04-02	FH(A)	Transportation of Line Pipe Quotation (Draft)	Qualif. Acceptance only/Prebuild (Zone 7).
-16	FH(A) & FH(S)	Mfg. Quality Control & Inspection Plans	Zones 6, 7, & 9 only.
-16	FH(A)	Welding Specs. Mill Fab. & Field	Qualif. Acceptance only (Zone 7) (some field welding info. yet to be submitted).
-17	FH(A) ET AL (Landowners)	Notice of Hearings/Route Object's	FIVE LANDOWNERS heard at Route Objection Hearings April 30 & May 1, 1980 - Zone 7/Prebuild, Calgary, Alberta.
-28	FH(SBC)	Format of Easement Agreement	FH(SBC) had originally intended to obtain pipeline rights by assignment but reconsidered and intends to acquire new easements (See also comments under 1979-02-20 relating to Agreements).
-28	FH(SBC)	Typical drawings - detailed design information relating to major river crossings.	Qualif. Acceptance Only (Zone 8).
-29	Administrator/NPA	Deleg. of Ministerial Power to concur with Orders of the D.O.	To ensure timely approvals of these orders.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
05-01	FH(A)	Hearing Order/Taking of Add. Lands	Hearings June 2, 3 & 4, 1980 - Claresholm, Alta. Zone 7 - Prebuild. These Hearings were conducted under the provisions of the NEB Act to determine whether the P/L company requires such lands and to hear the affected landowner views.
-02	FH(Y)	Procurement of Line Pipe	For Total Project (Suppliers are Ipsco & Steico).
-05	FH(SBC)	Typical drawings - detailed design information relating to slope instability, subsurface drainage etc.	Zone 8 only.
-05	FH(SBC)	Submission Schedule Environmental T&C	Qualified Acceptance only/Zone 8.
-07	FH(NBC)	Typical drawings(6)	Relating to Road, Powerline & Ditch crossings/Qualif.Accept. only-Zones 3 & 4.
-14	Two Landowners (Ransom & Arnell)	Route Approval (Final)	These Orders confirm the route at one location each in construction sections 2 & 3 - Zone 7 - prebuild.
-14	FH(A)	Hearing Order/Taking of Add. lands	Hearings June 16 & 17, Sundre, Alta.; June 18 & 19 Cochrane, Alta. Zone 7 7 - Prebuild. These hearings were conducted under the provisions of the NEB Act to determine whether the P/L company requires such lands and to hear the affected landowner views.
-22	FH(A), FH(S) & FH(SBC)	Revisions to Major Mt. Specs.	Zones 6, 7, 9 & 8 only.
-27	FH(SBC)	Mfg. Quality Control & Inspection Plans	Zone 8 only.
-28	FH(A)	Geotech Investigation	Zone 7 only (PREBUILD).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
05-28	FH(A) ET AL (Landowners)	Notice of Hearing/Route Objection	Route Objection Hearing (continued) May 29, 1980, Calgary/Zone 7- Prebuild obtain further info. relating to two parcels of land in construction Section 2 -.Zone 7 - Prebuild.
-29	FH(A)	Design criteria for river crossings with scour.	Qualified Acceptance Only/Zone 7 - Prebuild - further info. required.
-29	Two Landowners (Baker & Carter)	Route Approval (Final)	These orders confirm the route at one location in construction section 2 - Zone 7 - Prebuild (all required decisions made for Route approval in construction Sections 2 & 3 - Prebuild Alberta)
-30	FH(SY)	Bidders List & Bid Doc./Survey Yukon	To facilitate commencement of surveys of P/L route in specified areas of Yukon Territory.
06-04	FH(A), FH(S) & FH(SBC)	Revisions to Line Pipe Specs.	Zones 6, 7, 8 & 9 only. (Ministerial approval).
-16	FH(A)	Leave to take Additional Lands for Pipeline Purposes	Claresholm area - affects five (5) Landowners or possessors - total of 22 ha (54 acres) more or less, (Construction Section No. 3) - Zone 7.
-17	FH(A) & FH(SBC)	Pipeline Construction Bidders List	Relates to Prebuild activities/Zones 7 & 8.
-17	FH(SBC)	Construction Contract & Environm. Field Manual	Accepted for Bidding Purposes only - Prebuild/Zone 8.
-18	FH(A)	Construction Contract	Accepted for Bidding Purposes only - Prebuild/Zone 7.
-19	FH(A) & FH(S)	Site Preparation for CS	Conditional approval relating to site preparation - Zone 6 & 9.
-19	One Landowner - FH(A)	Ruling on motion by Landowner	Affected Hearing re: Additional Lands - Motion denied.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
06-20	FH(SY)	Survey Contract - Yukon	Ministerial Approval to award survey contract.
-23	FH(A) & FH(S)	Request to Bid/Tech. Specific.	Relates generally to CS - approval for bid purposes only/Zones 6 & 9.
-23	FH(A)	Plans, Profiles and Books of Reference	Approval of PPBoR's - 44 km/Zone 7 - Claresholm area.
-27	FH(SBC)	Construction Contract - Addition of Addenda	Requirement for additional addenda to contract/ Zone 8, (See also 1980-06-17).
-27	FH(A) & FH(SBC)	System Design Report	Relates to Western Leg/Zones 7 & 8.
07-03	FH(A) & FH(SBC)	Northern Pipeline Socio - Economic and Environmental Terms and Conditions for: (a) the Province of Alberta, and (b) Southern British Columbia	These T & C were approved by Governor in Council and apply to Zones 5, 6, 7 and 8.
-04	FH(A)	Leave to take Additional Lands Purposes	Cochrane area - affects 34 Landowners - total of 23 ha (57 acres) more or less, (Construction Section No. 2) - Zone 7.
-08	One Landowner	Route Approval (Final)	This order confirms the route at one location in construction section 1-Zone 7-Prebuild only. (Completes route decisions for Alberta).
-09	FH(A), FH(S) & FH(SBC)	Revisions to Major Materials Specs.	Zones 6, 7, 8 and 9 only (NEB).
-10	FH(A) & FH(S)	Bidders List - Technical Specs. relating to CS	Acceptable for Bid purposes - Zones 6 and 9.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
9 8 0			
07-11	FH(A)	Leave to take Additional Lands for Pipeline Purposes	Sundre area - affects 13 Landowners - total of 12 ha (29 acres) more or less, (Construction Section No.1) - Zone 7
-11	FH(A)	Plans, Profiles and Books of Reference	Approval of PPBOR'S - (a) 33 km - Sundre area (b) 21 km - Cochrane area, All Zone 7.
-11	FH(SY),FH(NBC),FH(A),FH(S) & FH(SBC)	Amendment to Landowners Information Booklet	NPA requires inclusion of text of Condition 18.1 of Schedule III to NP act (required to be served in future on landowners)
-14	FH(SBC)	Design Details Kingsgate Meter Station	Relates to the Design of the Export Meter Station U.S. - Zone 8.
-14	FH(A), FH(S) & FH(SBC)	Design in information re: terrain conditions	Relates to Frost heave, thaw settlement, seismic disturbance, etc. - Zones 6, 7, 9 and 8 only.
-15	FH(A)	Design Basis for 914 mm (36") pipeline in Alberta	Relates to Western leg - Zone 7 only.
-16	FH(SBC)	Selection of Construction Contractor	Relates to construction of Prebuild part 88 km (55 miles) of 914 mm(36") pipeline in Southeastern B.C.
-17	FH(SBC)	Welding Specs. Mill Fab & Field	Qualif. acceptance only (Zone 8) (some field welding info. yet to be submitted).
-17	FH(A), FH(S) & FH(SBC)	Approval (in principle) of Prebuild	By Cabinet - relates to Prebuild - Zones 6, 7, 8 & 9 only.

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LETTER DATED 1980	ADDRESSED TO	SUBJECT MATTER	REMARKS
07-18	FH(A)	Monitoring Procedures	Qualified acceptance only - this relates to Engineering procedures - Zone 7 only.
-18	FH(A)	Pipeline River Crossing Designs - Western Leg	Qualified acceptance only - this relates to detailed design of major river crossings - Zone 7 only.
-22	FH(A)	Environmental Aspects	Qualified Acceptance only.
-22	FH(Y)	Satisfaction as to Financing for Prebuild and future Financing can be obtained for remainder of pipeline	Prebuild - Zones 7 & 3/Western Leg and Zones 6 & 9/Eastern Leg.
-23	FH(A)	Final Stress Analysis and Reconciliation with Design Criteria	Qualified Acceptance only.
-23	FH(SBC)	Buried Pipeline Stress/Strain Criteria	Qualified Acceptance only.
-24	FH(SBC)	River Crossing data	Prebuild - Zone 8 only.
-24	FH(SBC)	Approval of two navigable water crossings	Michel and Leach Creek Crossings - Zone 8.
-25	FH(SBC)	Monitoring Procedures Report	Qualified Acceptance only.
-25	FH(SBC)	Engineering Design Data relating to each part of the pipeline	Prebuild - Zone 8 only.
-25	FH(Y)	Selection of Contractor	Prebuild - Zone 7 only.
-26	FH(SBC)	Approval of Plans, Profiles and Books of Reference and Crossing of one railway.	Prebuild Construction Section 2 - Byron Creek Collieries Limited railway/Zone 8.

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LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
07-28	FH(A) & FH(SBC)	Approval of Manpower Plan	Prebuild Zones 7 & 8 only.
-29	FH(A)	Protection of Traditional Harvesting and Native Cultural Areas	Zones 5, 6 and 7.
-29	FH(SBC)	Submission Schedule Environmental Plans and Procedures	Prebuild - Zone 8 only.
-29	FH(A) & FH(SBC)	Project Scheduling and Cost Control Plans and Procedures	Prebuild - Zones 7 and 8 only.
-29	FH(SBC)	Business Opportunities Plan, Directory of Local Businesses & Opportunity Measures Plan	Prebuild - Zone 8 only.
-29	FH(SBC)	Part 10 - Clearing only - Environmental Plans and Procedures Manual	Prebuild - Zone 8 only.
-29	FH(SBC)	Information and Consultation Plan & Orientation Plan (South B.C. Segment)	Zone 8 only.
-30	FH(SBC)	Appropriate Proof & Leave to Proceed	Prebuild - Construction Section 2 - Zone 8 - 'Clearing' only.
-31	FH(A)	Approval of Plans, Profiles and Books of Reference	Construction Section 2(1B) - Zone 7 - North part only.
-31	FH(A)	Opportunity Measures Plan	Prebuild - Zone 7 only.
-31	N/A	Memorandum of Understanding on Environmental Surveillance for 1980 Prebuild Construction between Province of Alberta and Agency.	Prebuild - Zone 7 only.
-31	FH(Y)	Inspection of Field Welds	Prebuild - Zones 7 and 8 only.

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LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
08-01	FH(SBC)	Construction Specifications and Procedures	Prebuild - Zone 8 only.
-01	FH(SBC)	Welding Specifications	Zone 8 only.
-01	FH(SBC)	Final Stress Analysis and Reconciliation with Design Criteria.	Zone 8 only.
-01	FH(SBC)	Pipeline Construction, Inspection Monitoring, Procedures & Guidelines	Prebuild - Zone 8 only.
-01	FH(SBC)	Project Construction Schedule	Prebuild - Zone 8 only.
-01	FH(SBC)	Compliance with Engineering/Tech. requirements - General requirements	Prebuild - Zone 8 only.
-05	FH(A)	Information Plan (Alberta Segment)	Zones 5, 6 and 7.
-05	FH(A)	Environmental Plans and Procedures Manual (Alberta Segment)	Prebuild - Zone 7 only.
-05	FH(SBC)	Monitoring Procedures Report	Prebuild - Zone 8 only.
-05	FH(SBC)	Environmental Plans and Procedures Manaual (except Part 10 - Clearing)	Prebuild - Zone 8 only (for Clearing see 1980-07-29).
-05	FH(SBC)	Revisions to Orientation Plan	Zone 8 only. (See also 1980-07-29).

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 0			
08-05	FH(SBC)	Approval of Prebuild Construction Contract PL-200-01	Prebuild - Zone 8 only.
-05	FH(SBC)	Proof of Compliance and Leave to Proceed	Construction Section 2 - Prebuild - Zone 8 (excluding clearing).
-05	FH(SBC)	Approval of Navigable Water Crossings (3)	3 Moyie River Xings - Construction Section 4 - Zone 8.
-05	FH(A)	Approval of Navigable Water Crossings (4)	James & Red Deer Rivers and Bearberry Creek [Construction Section 1(1A)] - Bow River [Construction Section 2(1B)] - all Prebuild - Zone 7.
-06	FH(SBC)	Schedule for Socio-Economic Plans	Prebuild - Zone 8 only.
-06	FH(A)	Schedule for Socio-Economic Plans	Prebuild - Zone 7 only.
* -07	DELETED - (ERROR)		
-07	FH(A)	Final Stress Analysis and Reconciliation with Design Criteria	Zone 7 only.
-07	FH(A)	Project Construction Schedule & River and Streams Crossing Schedule	Prebuild - Zone 7 only.
-07	FH(A)	Construction Specifications and Procedures	Prebuild - Zone 7 only.
-07	FH(A)	Design data - Rivers, etc.	Prebuild - Zone 7 only.
-07	FH(A)	Pipeline Construction Inspection Plans and Procedures	Prebuild - Zone 7 only.
-07	FH(A)	Environmental Data relating to major River Crossings	Data satisfactory - Prebuild - Zone 7 only.

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LETTER DATED 1980	ADDRESSED TO	SUBJECT MATTER	REMARKS
08-07	FH(Y)	Agreements for Sale and Purchase of Ball Valves	Prebuild - Zones 7 & 8 only.
-07	FH(A)	Design data for River Xings	Prebuild - Zone 7 only.
-08	FH(A)	Welding Specifications	Zone 7 only.
-08	FH(SBC)	Approval of Plans, Profiles and Books of Reference	Construction Sections 1, 3 and 4 - Zone 8.
-08	FH(A)	Typical Fuel Storage Site	Prebuild - Zone 7 only.
-08	FH(A)	Compliance with Engineering/Tech. requirements - General requirements	Prebuild - Zone 7 only.
-08	FH(Y)	Procurement Program	For Project - Also Designated Items Identified (a) line pipe - 36 inches and over (b) turbine compressor packages (c) valves - 20 inches and over (d) fittings - 20 inches and over.
-08	FH(A)	Appropriate Proof and Leave to Proceed	Construction Section 3(1C) Clearing only - Prebuild - Zone 7.
-11	FH(A)	Crossings of Highways and Utilities	Construction Section 3(1C) Prebuild - Zone 7 only.
-11	FH(SBC)	Crossings of Railways (4)	Four CPR Crossings Prebuild - Zone 8.
-11	FH(A)	Monitoring Procedures Report	Prebuild - Zone 7 only.
-12	FH(SBC)	Crossings of Highways and Utilities	Construction Section 3 - Prebuild - Zone 8.

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LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
08-12	FH(A)	Crossings of Highways and Utilities	Construction Section 2(1B)- Bow River area only - Prebuild - Zone 7.
-12	FH(A)	Crossings of Highways and Utilities	Construction Section 1(1A) - Red Deer River area only - Prebuild Zone 7.
-12	FH(A)	Hearing - Reasons for Decision	Relates to the taking of add. lands for pipeline purposes - Construction Section 3(1C) - Prebuild - Zone 7.
-15	FH(SBC)	Crossings of Highways and Utilities	Construction Section 1 - Prebuild - Zone 8.
-20	FH(A)	Crossings of Highways and Utilities	Construction Section 1(1A) except Red Deer River area - see 1980-08-12 - Prebuild - Zone 7.
-20	FH(A)	Crossings of Highways and Utilities	Construction Section 2(1B) - North Part - except Bow River area - see 1980-08-12 - Prebuild - Zone 7.
-20	FH(A)	Crossings of Highways and Utilities	Construction Section 2(1B) - South Part - except Bow River area - see 1980-08-12 - Prebuild - Zone 7.
-21	FH(A)	Appropriate Proof and Leave to Proceed	Construction Sections 1(1A) and 2(1B) - except Red Deer and Bow River areas - Prebuild - Zone 7.
-21	FH(SBC)	Appropriate Proof and Leave to Proceed	Construction Section 1/Prebuild - Zone 8.
-21	FH(A)	Crossing of Railway	1 CPR Crossing - Construction Section 2(1B) - Prebuild - Zone 7.
-21	FH(SBC)	Crossings of Highways and Utilities	Construction Section 4 Prebuild - Zone 8.
-25	FH(Y)	Bidders List and Bid Document for Large Diameter Valves	Prebuild - Zones 6 and 9 only (Eastern Leg) - Designated Item.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
08-26	-	Federal/Provincial Agreement on Consultation and Cooperation	Government of Canada and the Province of Alberta.
-27	-	Transfer of Ministerial Powers	Powers, Duties and Functions for Pipeline only - Minister of Indian Affairs and Northern Development, Minister of the Environment and Minister of Fisheries and Oceans to Minister responsible for NPA.
-29	FH(A)	Hydrostatic Testing Plans and Procedures	Qualified Acceptance only - Prebuild - Zone 7 (relating to environmental matters).
09-02	-	Authorizations for pipeline related matters	Territorial Lands Act, Territorial Lands Regulations, Territorial Quarrying Regulations, Territorial Land Use Regulations & Territorial Timber Regulations delegated to Administrator and Staff of NPA - Zones 1 & 2.
-02	FH(SBC)	Appropriate Proof and Leave to Proceed	Construction Section 4/Prebuild - Zone 8.
-08	FH(A)	Corrected Corporate Name Reference	CPR Railway Crossing - Zone 7 (see also 1980-08-21).
-15	FH(A)	Correction of Crossing Approval	Utility Crossing - Zone 7 (see also 1980-08-20).
-15	FH(A)	Requirements for As-Constructed Drawings	Prebuild - Zone 7.
-15	FH(SBC)	Requirements for As-Constructed Drawings	Prebuild - Zone 8.
-15	FH(SBC)	Non-Compliance Notice	Prebuild - Zone 8.
-18	FH(A) & FH(S)	Buried Pipeline Stress/Strain Design Criteria	Partial Compliance only - Zones 6 & 9.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
09-19	-	Appointment of Northern British Columbia Advisory Council	Zones 3 and 4.
-22	FH(A)	Correction of Crossing Approval	Utility Crossing - Zone 7 (see also 1980-08-11).
-22	FH(SBC)	Amendment to Non-Compliance Notice	Prebuild - Zone 8 (see also 1980-09-15).
-24	FH(SBC)	Relief from pre-test requirements for minor river and stream crossings	1980/81 Construction phase - Zone 8/Relief not granted for three Moyie River Crossings, (Relates to Construction Specs. - Section 2.19.2), (see also 1980-08-01).
-24	-	Federal Provincial Administrative Agreement	Government of Canada and the Province of Alberta.
-26	FH(A) & FH(S)	Terrain Assessment for three Compressor Station sites - Alberta (1) and Saskatchewan (2)	Zones 6 and 9/Relates to site preparation work only - Stations 367 (FA-11), 391 (FS-2) and 394 (FS-4), (394 includes also Monchy Meter Station).
10-01	FH(A)	Crossings of Utilities	Zone 6/Private access road to Compressor Station 367 (FA-11).
-06	FH(SY)	Land Use Permit and Quarrying Permit	Frost Heave Program - Dry Creek - Zone 1.
-09	FH(A)	Hydrostatic Testing Plans and Procedures	Pressure testing of pipeline installed during 1980/81 Construction phase - Zone 7.
-09	FH(SBC)	Hydrostatic & Air Test Procedure Manuals	Pressure testing of pipeline installed during 1980/81 Construction phase - Zone 8.
-10	FH(A)	Checklist for Environmental Inspection & Description of Responsibilities of Field Environmentalist	1980/81 Construction phase - Zone 7.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 0			
10-15	FH(SBC)	Variance of Internal Cleaning and Inspection Procedures prior to Testing	1980/81 Construction phase - Zone 8, (Relates to Construction Specs. - Section 2.18), (see also 1980-08-01).
-20	-	Federal/Provincial Memorandum of Understanding regarding Administrative Arrangements	Government of Canada and the Province of British Columbia.
-23	FH(A)	Welding Specifications (Revision)	Zone 7 only (see also 1980-08-08).
-23	FH(SBC)	Welding Specifications (Revision)	Zone 8 only (See also 1980-08-01).
-24	FH(SBC)	Access to field rcords for Agency Staff	Cranbrook Field Office.
11-07	FH(SBC)	Deferral of Moyie River Crossings until further approved.	1980/81 construction phase - Zone 8 (Environmental Concerns).
-10	FH(A) ET AL (Landowners)	Notice of Hearing/Route Object's	Five landowners to be heard at Route Objection Hearing November 26, 1980 - Zone 6, Calgary, Alberta.
-14	FH(Y)	Agreements for Sale and Purchase of Pipe Fittings (508 mm/20" & larger)	1980/81 construction phase - Zones 7 & 8 - 1981 construction phase - Zone 6 & 9 - Designated Items.
-18	FH(SBC)	Revision to Hydrostatic & Air Test Procedure	1980/81 construction phase - Zone 8 - changed test medium from water to air - construction section 2, (see also 1980-10-09).
-19	FH(SBC)	Inspectors Checklist for Environmental Safety	1980/81 Construction Phase - Zone 8.
-19	FH(SY)	Land Use Permit & Quarrying Permit	Proposed P/L test section - Zone 1.
-24	FH(SBC)	Inspection and Monitoring Guidelines for the Construction of a Meter Station.	1980/81 Construction Phase - Zone 8 - Kingsgate Meter Station.
-24	FH(SY)	Revisions to Landowners' Information Booklet	Zones 1 & 2 (see also 1978-10-31).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
11-27	FH(A), FH(S) & FH(SBC)	Revisions to Line Pipe Specifications & Major Materials Specifications	Zones 6, 7, 9 & 8 only.
-27	FH(A) & FH(SBC)	Revisions to Major Materials Specifications	Zones 7 & 8 only - part for 1980/81 construction phase - Zones 7 & 8 only.
-27	FH(SBC)	Construction of 5 River Crossings	1980/81 Construction phase - Zone 8 - In-stream construction of 3 Moyie River Crossings, Hawkins Creek and Meadow Creek Crossings - Construction Section 4.
12-01	Administrator/NPA	Delegation of Ministerial Powers etc./Concurrence	Modification of Previous Delegation (see 1980-04-29).
-08	FH(A)	Design Change - pipeline crossing	1980/81 Construction Phase - Zone 7.
-10	FH(Y)	Agreements for Sale and Purchase of Turbo Compressor Machinery	1981/82 Construction Phase - Zones 6 & 9.
-11	FH(A)	Typical fuel storage site	Zone 6.
* -11	FH(A)	Amendment to pressure testing program	1980/81 Construction Phase - Zone 7. Reduction in test duration for certain assemblies (see also 1980-10-09).
-15	FH(A) and landowners (Van Vlaanderen et al, Ross and Braun)	Route Approval	1981 Construction Phase - Zone 6/Construction Section 1.
-17	FH(A)	Notice of Hearing - Leave to Take Additional Lands	1981 Construction Phase - Zone 6/Construction Section 1 (Hearing to be held in Olds, Alberta - commencing 1981-01-29).
-19	FH(Y)	Recommendation for Purchase - Large Diameter Valves	1981/82 Construction Phase - Zones 6 & 9.
-19	FH(A)	Schedule for Submission of a Socio-Economic Plan	Zone 6 only.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1980			
12-19	FH(SY)	Quill Creek Field Test Program	Yukon Territory - Qualified acceptance only.
-19	FH(A), FH(S) & FH(SBC)	Revisions to Major Materials Specifications and Line Pipe	Zones 6, 7, 9 and 8 only.
-22	FH(SY)	Land Use Permit (YAOP804) and geotech drilling approval	Quill Creek Field Test site - Yukon Territory.
-23	FH(SY)	Quarrying Permit	Borrow area - Mile Post 1104, Alaska Hwy - Yukon Territory (relates to Quill Creek Field Test site).
-30	FH(A)	Notice of Hearing - Leave to Take Additional Lands	1981 Construction Phase - Zone 6/Construction Sections 1A, 2 & 3 (Hearing to be held in Brooks, Alberta - commencing 1981-02-05).
-30	FH(SY)	Amendment to Land Use Permit (YAOP804)	Up-grading of existing access trail to Quill Creek Test site and preparation of stock pile site - Yukon Territory (see also 1980-12-22).
1981			
01-06	FH(SY)	Amendment to Land Use Permit (YAOQ799)	Vary location of quarrying operation and provide for crushing (see also 1980-11-19).
-09	FH(S)	Typical fuel storage site (drawing)	Qualified Acceptance only - Zone 9.
-13	FH(SY)	Amendment to Land Use Permit (YAOQ799)	Extension of permit term to 1981-04-01 (see also 1980-11-19).
-14	FH(S)	Notice of Hearing - Leave to Take Additional Lands	1981 Construction Phase - Zone 9/Construction Sections 3A & 4 (Hearing to be held in Shaunavon, Saskatchewan - commencing 1981-02-17).
-15	FH(S)	Socio-Economic Plan Schedule	Qualified Acceptance only - Zone 9.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 1			
01-15	FH(SY)	(1) Ice Harvesting (File No. Y2A3-1769) AND (2) Water Supply (File No. Y2A4-1770)	Harvesting ice for Quill Creek test site. Domestic water supply and sewage disposal at Quill Creek test site.
-19	FH(A)/Esso Resources	Crossing of pipeline	Crossng of FH(A) pipeline by seismic program.
-20	FH(SY)	Format of PPBoR's	Qualified Acceptance only - Zones 1 & 2.
-21	FH(A)	Pipeline Crossing Order Amendment	Field design change (see also 1980-08-20).
-21	FH(SY)	Amendment to Land Use Permit (YAOP804)	Amendment to conditions 52 & 53 of Land Use Permit - Quill Creek test program - Clarification of intent (see also 1980-12-22).
-22	FH(SY)	Socio-Economic Plans and Environmental Protection Plan - Quill Creek test program	Accepted subject to certain requirements.
-27	FH(A), FH(S) & FH(SBC)	Revisions to line pipe specifications	Zones 6, 7, 8 & 9.
-29	FH(A) and Landowner (Will Farms Ltd.)	Route approval	1982 Construction Phase - Zone 6.
-29	FH(S), FH(NBC) & FH(SY)	Northern Pipeline Socio-Economic and Environmental Terms and Conditions for: (a) the Province of Saskatchewan (b) Northern British Columbia (c) the Swift River portion of the pipeline in British Columbia	These Terms and Conditions apply to Zones 2/B.C., 3, 4 and 9.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 1			
01-29	-	Federal/Provincial Agreement on Consultation and Cooperation	Government of Canada and the Province of Saskatchewan.
-30	FH(SY)	Authorized work under Land User Permit (YAOP804)	Preparatory work - Quill Creek Test Site (see also 1980-12-22).
-30	FH(SBC)	Extension of time for completion of river crossings - correction of clerical errors	1980-81 Construction Phase - Zone 8 (see also 1980-11-27).
02-02	FH(SY)	Amendment to Land Use Permit YAOP804	Change in location of access road to Kluane Lake (ice harvest) - Quill Creek Test Program (see also 1980-12-22).
-02	FH(SBC)	Amendment to an order	Error Correction (see also 1980-11-07).
-02	FH(SBC)	Amendment to pressure testing program	Reduction in test duration for certain assemblies 1980/81 construction phase - Zone 8 (see also 1980-10-09).
-02	FH(S)	Socio-Economic Plans for Saskatchewan (a) Orientation Plan (b) Information Plan (c) Business Opportunities Plan	Zone 9.
-02	FH(A)	Contractors Hydrostatic Test Plan Water Withdrawal/ Discharge Information.	1980/81 Construction Phase - Zone 7 - Construction Sections 1 & 2.
-06	FH(A)	Pipeline crossing order amendment	Field design change (see also 1980-08-12).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
02-06	FH(SY)	Authorized work under Land Use Permit YAOP804	Preparatory Work/Test Area 'J' - Quill Creek Test site (see also 1980-12-22).
-06	FH(A)	Environmental Plans and Procedures Submission Schedule	Zone 6.
-06	FH(S)	Environmental Plans and Procedures Submission Schedule	Zone 9.
-06	FH(S)	Approval of "Typical Fuel Storage Site" drawing	Zone 9 (see also 1981-01-09).
-06	FH(S)	Schedule for submission of Socio-Economic Plans	Zone 9 (see also 1981-01-15).
-06	FH(S)	Seismic Design Verification	No verification required - Zone 9.
-06	FH(S)	Freeze/Thaw Design Verification	No verification required - Zone 9.
-16	FH(SBC)	Amendment to an order	Error Correction (see also 1980-11-07).
-16	FH(A)	Notice of Hearing - Leave to take additional lands	1981 Construction Phase - Zone 6/Construction Section No. 1 (Hearing to be held at NPA offices in Calgary on 1981-03-17).
-16	FH(SY)	Engineering Design	Quill Creek test program.
-19	FH(Y)	Bidders List & Bid Document/Electric Drive Compressor Package	1981 Construction Phase - Zone 6.
-20	FH(SY)	Addenda to the Environmental Impact Statement (E.A.R.P.)	Zones 1 & 2/Yukon Alternative routes.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
02-23	FH(Y)	Fish Sampling Program - Permit	Zones 1 & 2 - Yukon Territory.
-24	FH(SBC)	Correction to PPBoR	1980/81 Construction Phase - Zone 8.
-25	FH(Y)	Fish Sampling Program - Permit	Zone 2 - B.C. (Swift River).
-27	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6. Affects 23 Landowners.
03-02	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6. Affects 1 landowner.
-10	FH(A)	Operations & Safety Manual and Support Directory	1980/81 Construction Phase - Zone 7.
-10	FH(SBC)	Operations & Safety Manual	1980/81 Construction Phase - Zone 8 (excluding Kingsgate Meter Station).
-11	FH(SY)	Authorization to use water without a licence	Quill Creek Test Program - Domestic water supply and sewage disposal.
-12	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6. Affects 23 landowners.
-12	FH(SY)	Environmental Protection Plan	Quill Creek Test Program - Additional items approved (see also 1980-12-19).
-16	FH(S)	Inventory of Traditional Harvesting and Native Cultural Areas	Zone 9.
-16	FH(S)	Compressor and Meter Station site preparation	1981/82 Construction Phase - Zone 9/Compressor Station 394 - approval of 2 amended drawings (see also 1980-09-26).
-18	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6. Affects 4 landowners.
-18	FH(A)	Revisions to Detailed Design Drawings	1980/81 Construction Phase - Zone 7 (see also 1980-08-07).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
03-20	FH(A)	Design Basis - Eastern Leg	Zone 6 - Qualified acceptance only.
-20	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6. Affects 2 landowners.
-27	FH(NBC)	Socio-Economic Plan Schedule	Granted extension of time for filing schedule - Zones 3 & 4.
-27	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6 - One Leave to take Order rescinded.
-27	FH(SBC)	Operations & Safety Manual	1980/81 Construction Phase - Zone 8 (excluding Kingsgate Meter Station) Approval by NEB.
-27	FH(A)	Operations & Safety Manual and Support Directory	1980/81 Construction Phase - Zone 7 - Approval by NEB.
04-01	FH(A)	Leave to open pipeline	1980/81 Cosntruction Phase - Zone 7 - Construction Sections 1, 2 & 3 - Approval by N.E.B.
-01	FH(SY)	Fixing date for filing Socio-Economic Plan Schedule	Zone 2/B.C. (Swift River Portion).
-01	FH(S)	Leave to take additional lands for pipeline purposes.	1981 Construction Phase - Zone 9 - affects 19 landowners.
-01	FH(A)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 6 - Construction Section 1 (partial).
-01	FH(SY)	Amendment to Land Use Permit YAOP 804	Quill Creek Test Program (see also 1980-12-22).
-02	FH(SY)	Security Plan for Quill Creek Test Facility	Quill Creek Test Program.
-02	FH(S)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 9 Construction Sections 3A & 4 (partial).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
04-07	FH(A)	Terrain assessment	Zone 6 (see also 1980-03-19).
-07	FH(A)	Design verification - Geotechnical	Qualified acceptance only - Zone 6.
-07	FH(A) & FH(S)	Design verification - Construction Specifications	Qualified acceptance only - Zones 6 & 9.
-07	FH(A) & FH(S)	Design verification - Compressor Station Design Basis	Qualified acceptance only - Zones 6 & 9.
-07	FH(A)	Design verification - River & Stream Crossings	Qualified acceptance only - Zone 6.
-07	FH(SY)	Alignment sheets (Format)	Qualified acceptance only - Zones 1 & 2.
-07	FH(SY)	Land Use Permit #YAIS 850	Geo-Tech Investigation of P/L R-O-W.
-09	FH(Y) [FH(A), FH(S) & FH(SBC)]	Periodic revisions to major materials specifications	Zones 6, 7, 8 & 9.
-10	FH(A)	Approval of Plans, Profiles & Books of Reference	1981 Construction Phase - Zone 6 - Construction Sections 2 & 3 (complete).
-13	FH(S)	Terrain assessment	Zone 9 (see also 1980-09-26 and 1980-03-16).
-14	FH(S)	Design verification - water crossings	Qualified acceptance only - Zone 9.
-14	FH(A)	Direction to provide damage settlement progress report	1980-81 Construction Phase - Zone 7.
-15	FH(Y)	Contracts for purchase of large diameter valves	1981-82 Construction Phase - Zones 6 & 9.
-16	FH(A) & FH(S)	Stress Analysis/Reconciliation with design	Qualified acceptance only - Zones 6 & 9.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
04-21	FH(S)	Approval of Plans, Profiles & Books of Reference	1981 Construction Phase - Zone 9 - Construction Section 3A (partial).
-21	FH(SY)	Land Use Permit #YA1S 862	1981 Geotechnical Drilling Program - Zones 1 & 2 (Yukon).
-22	FH(A)	Design verification - slope instability	Zone 6.
-22	FH(A)	Design verification - geotechnical	Qualified acceptane only - Zone 6.
-22	FH(A) & FH(S)	Federal Government Approvals - 1981 Schedule	1981-82 Construction Phase - Zones 6 & 9.
-22	FH(A)	Geotechnical assessment and hydrological data	1981-82 Construction Phase - Zone 6 - Environmental.
-23	FH(S)	Pipeline design basis	1981 Construction Phase - Zone 9 - Qualified acceptance only.
-23	FH(A) & FH(S)	Final Welding Specifications	1981-82 Construction Phase - Zone 6 1981 Construction Phase - Zone 9.
-28	FH(S)	Hydrostatic testing plans and procedures	1981 Construction Phase - Zone 9 - Qualified acceptance only.
-28	FH(S)	Monchy meter station - design basis	1981-82 Construction Phase - Zone 9 - Qualified acceptance only.
-28	FH(Y) [FH(A) & FH(S)]	Project Scheduling & Cost Control Plans & Procedures	1981-82 Consruction Phase - Zones 6 & 9.
-28	FH(S)	Approval of Plans, Profiles & Books of Reference	1981 Construction Phase - Zone 9 - Construction Section 3A (partial).
-29	FH(S)	Environmental Plans & Procedures Manual	Zone 9.
-29	FH(S)	Railway crossing drawings	1981 Construction Phase - Zone 9 - Qualified acceptance only.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
9 8 1			
4-30	FH(S)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 9 - Contruction Section 3A (Partial).
-30	FH(Y) [FH(A) & FH(S)]	System Flow Studies	1981-82 Construction Phase - Zone 6/1981 Construction Phase - Zone 9.
5-06	FH(S)	Corrections to Registered Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 9 - Construction Sections 3A & 4 (Partial) (see also 1981-04-02).
-06	FH(A)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 6 - Construction Section 1 (Partial).
-06	FH(A)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 6 - Construction Section 1A (Partial).
-06	FH(A)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 6 - Construction Section 1A (Partial).
-07	FH(Y)	Substitution to electric drive for one compressor package	1981/82 Construction Phase - Zone 6 (see also 1980-12-10).
-08	FH(S)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 9 - Construction Section 3A (Partial).
-08	FH(A) & FH(S)	Inspection of Field Welds	1981/82 Construction Phase - Zone 6 1981 Construction Phase - Zone 9.
-11	FH(A) & FH(S)	Construction Specifications - Compressor & Meter Stations	Zones 5, 6, 7 & 9 - Qualified acceptance only.
-11	FH(SBC)	Construction Inspection & Monitoring Guidelines	1980/81 Construction Phase - Zone 8 - Kingsgate Meter Station Facilities - Qualified acceptance only.
-11	FH(A) & FH(S)	Facilities construction Inspection Procedures and Guidelines	Zones 5, 6, 7 & 9 - Qualified acceptance only.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
05-11	FH(A) & FH(S)	Pipeline Construction Inspection Plans and Procedures	Zones 6 & 9 - Qualified Acceptance only.
-11	FH(A) & FH(S)	Mill & Field Welding Specifications	Zones 6 & 9.
-13	FH(SBC)	Leave to open pipeline	1980/81 Construction Phase - Zone 8 - Construction Sections 1, 2, 3 & 4.
-14	FH(S)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 9 - Partial Construction Section 3A.
-14	FH(A)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 6 - Construction Section 3.
-14	FH(SY)	Fish Sampling Program Permit	Zones 1 & 2 - Yukon Territory.
-15	FH(SBC)	Approval of revised drawings and Crossing of Meter Station site.	1980/81 Construction Phase - Zone 8 - Export Metering Facilities/Kingsgate Meter Station.
-15	FH(SBC)	Design revision	1980/81 Construction Phase - Zone 8 - Export Metering Facilities/Kingsgate Meter Station (see also 1980-07-14).
-15	FH(SBC)	Construction schedule	1980/81 Construction Phase - Zone 8 - Export Metering Facilities/Kingsgate Meter Station.
-15	FH(A) & FH(S)	Design verification	Zones 6 & 9.
-15	FH(A) & FH(S)	Mill & Field Welding Specifications	Zones 6 & 9.
-19	FH(A)	Environmental Plans & Procedures Manual	Zones 5, 6 & remaining Zone 7.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
05-19	FH(SBC)	Leave to Open/Tie-in and valve assemblies	1980/81 Construction Phase - Zone 8 - Construction Sections 1 & 2.
-19	FH(S)	Construction Schedule	1981/82 Construction Phase - Zone 9 - Monchy Meter Station.
-19	FH(A) & FH(S)	Construction Schedule	1981/82 Construction Phase - Zones 6 & 9 - Compressor Stations.
-19	FH(A) & FH(S)	Construction Schedule	1981 Pipeline Construction - Zones 6 & 9.
-19	FH(SBC)	Construction Specifications	1980/81 Construction Phase - Zone 8 - Export Metering Facilities/Kingsgate Meter Station.
-20	FH(SY)	Amendment to Land Use Permit #YA1S850	Geo-Tech Drilling - Zones 1 & 2 - Yukon Territory.
-20	FH(SBC)	Leave to Open/Tie-in and valve assemblies	1980/81 Construction Phase - Zone 8 - Construction Section 3.
-20	FH(A) & FH(S)	Construction Inspection Plans & Procedures	Zones 6 & 9 - Pipeline.
-20	FH(A)	Detailed Design Drawings - Pipeline	Zone 6 (Partial) - Qualified Acceptance only.
-20	FH(S)	Detailed Design Drawings - Pipeline	Zone 9 (Partial) - Qualified Acceptance only.
-21	FH(SBC)	Leave to Open/Tie-in and valve assemblies	1980/81 Construction Phase - Zone 8 - Construction Section 3.
-21	FH(A)	Verification of Design	1981/82 Construction Phase - Zone 6 - Qualified Acceptance only.
-21	FH(A)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 6 - Partial Construction Section 1.
-21	FH(A) & FH(S)	(1) Opportunity Measures Plan (Alta.) (2) Opportunity Measures Plan (Sask.)	Zones 5, 6, 7 & 9 (see also 1980-07-31).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
05-21	FH(NBC), FH(A), FH(S), FH(SBC) & FH(SY)	Manpower Plan	Zones 3, 4, 5, 6, 7, 8 & 9 - Appendices I, II & III and Manpower Mobility plan also apply to Yukon (Zones 1 & 2)/(see also 1980-07-28).
-22	FH(SBC)	Leave to Open/Tie-in and valve assemblies	1980/81 Construction Phase - Zone 8 - Construction Section 4.
-22	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6 - Construction Section 3.
-22	FH(S)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 9 - Partial Construction Section 3A.
-22	FH(SBC)	Appropriate Proof & Leave to Proceed	1980/81 Consruction Phase - Zone 8 - Export Metering Facilities/Kingsgate Meter Station.
-22	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6 - Partial Construction Section 1.
-22	FH(SBC)	Direction to Company	1980/81 Construction Phase - Zone 8 - Native Employment.
-25	FH(SBC)	Leave to Open/Tie-in and valve assemblies	1980/81 Construction Phase - Zone 8 - Construction Section 4.
-25	FH(S)	Approval of Plans, Profiles and Books of Reference	1981 Construction Phase - Zone 9 - Partial Construction Section 4.
-25	FH(A)	Crossings of Highway and Utilities	1981 Construciton Phase - Zone 6 - Construction Section 2.
-25	FH(S)	Detailed Design	1981/82 Construction Phase - Zone 9 - Monchy Meter Station (see also 1981-04-28).
-25	FH(S)	Detailed Design Drawings - Pipeline	Zone 9 (Partial) - Qualified Acceptance only (see also 1981-05-20).
-25	FH(A)	Detailed Design Drawings - Pipeline	Zone 6 (Partial) - Qualified Acceptance only (see also 1981-05-20).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
05-26	NPA [FH(A) & FH(S)]	No Objection to river crossings	1981 Construction Phase - Zones 6 & 9 - Navigable Waters (MOT).
-27	FH(S)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 9 - Partial Construction Section 3A.
-27	FH(A) & FH(S)	Amended Cosntruction Schedule/Pipeline	1981 Construction Phase - Zone 6 & 9 (see also 1981-05-19).
-27	FH(A)	Notice of Hearing - Leave to take additional lands	1981 Construction Phase - Zone 6 - Within Construction Section 1A (Hearing to be held at NPA offices in Calgary on 1981-06-22).
-28	FH(A)	Detailed Design Drawings	Zone 6 (Partial) - Qualified Acceptance only (see also 1981-05-20 & 25).
-28	FH(S)	Detailed Design Drawings	Zone 9 (Partial) - Qualified Acceptance only (see also 1981-05-20 & 25).
-29	FH(S)	Design Verification - Rivers & Subsurface Drainage	Zone 9.
-29	FH(SBC)	Direction Rescinded	Zone 8 (see also 1981-05-22).
-29	FH(SY)	Land Use Permit #YA1S 894	Facility Location Survey - Yukon.
06-01	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6/Construction Section 2.
-02	FH(SBC)	Direction to Company	1980/81 Construction Phase - Zone 8/Native Employment.
-02	FH(SY)	Land Use Permit #YA1S 889	R-O-W Location Surveys - Yukon.
-03	FH(A)	Notice of Hearing - Leave to take additional lands	1982 Construction Phase - Zone 6.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
06-03	FH(A)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 6/Partial Construction Section 1.
-03	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6/Partial Construction Section 1.
-03	FH(A)	Detailed Design Drawings	1981/82 Construction Phase - Zone 6/Compressor Station 367 (FA-11) Qualified Acceptance only.
-03	FH(S)	Detailed Design Drawings	1981/82 Construction Phase - Zone 9/Compressor Station 392 (FS-2) & 394 (FS-4)/Qualified Acceptance only.
-04	NPA[FH(A)]	No Objection to River crossings	1981 Construction Phase - Zone 6/Navigable Waters.
-05	FH(A)	Detailed Design Drawings	1981 Construction Phase - Zone 6/Qualified Acceptance only (see also 1981-05-20, 25 & 28).
-05	FH(A)	Detailed Design Drawings	1981 Construction Phase - Zone 6 - River Crossings/Scour/Bank Instability - Qualified Acceptance only.
-05	FH(A)	Crossings of Highway & Utilities	1981 Construction Phase - Zone 6/Partial Construction Section 1.
-05	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6/Partial Construction Section 1.
-05	FH(S)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 9/Partial Construction Section 3A.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
06-09	FH(A)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 6/Partial Construction Section 1.
-09	FH(A) & FH(S)	Hydrostatic testing procedures	1981 Construction Phase - Zones 6 & 9 - NEB Approval.
-09	FH(Y)[FH(A), FH(S) & FH(SBC)]	Periodic Revisions to Major Materials Specifications/ Pipe Specifications	Zones 6, 7, 8 & 9 - NEB Approval.
-10	FH(A) & FH(S)	Final Welding Procedures	Zones 6 & 9.
-10	FH(S)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 9/Partial Construction Sections 3A & 4.
-10	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6/Partial Construction Section 1.
-16	FH(A)	Detailed Design Drawings	1981 Construction Phase - Zone 6/Qualified Acceptance only (see also 1981-05-20, 25 & 28 and 1981-06-05).
-16	FH(A)	Detailed Design Drawings	1981 Construction Phase - Zone 6 - River Crossings/Scour/Bank Instability - Qualified Acceptance only.
-16	FH(Y)[FH(A), FH(S) & FH(SBC)]	Periodic Revisions to Major Materials Specifications/ Pipe Specifications	Zones 6, 7, 8 & 9 (Ministerial Approval).
-17	FH(S)	Approval of Plans, Profiles & Books of Reference	1981 Construction Phase - Zone 9/Partial Construction Section 4.
-17	FH(A)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 6/Partial Construction 1A.
-17	FH(S)	Meter Station Drawings	1981/82 Construction Phase - Zone 9/Monchy Meter Station.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 1			
06-17	FH(Y)[FH(A), FH(S) & FH(SBC)]	Periodic Revisions to Major Materials Specifications	Zones 6, 7, 8 & 9.
-17	FH(A) & FH(S)	Construction & Weld Inspection Procedures (Supplementary)	Zones 6 & 9.
-17	FH(S)	Detailed Design Drawings	1981 Construction Phase - Zone 9/Qualified Acceptance only (see also 1981-05-20, 25, & 28).
-18	FH(S)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 9/Partial Construction Sections 3A & 4.
-23	FH(A)	Compressor Station Drawings	1981/82 Construction Phase - Zone 6/Compressor Station 367 (FA-11).
-23	FH(S)	Compressor Station Drawings	1981/82 Construction Phase - Zone 9/Compressor Station 392 (FS-2).
-23	FH(S)	Compressor Station Drawings	1981/82 Construction Phase - Zone 9/Compressor Station 394 (FS-4).
-23	FH(S)	Detailed Design Drawings	1981/82 Construction Phase - Zone 9/Compressor Stations 392 (FS-2) & 394 (FS-4)/Qualified Acceptance only.
-24	FH(A)	Leave to take additional lands for pipeline purposes	1981 Construction Phase - Zone 6/Construction Section 1A (affects 1 landowner).
-25	FH(S)	Appropriate Proof & Leave to Proceed	1981/82 Construction Phase - Zone 9/Monchy Meter Station (491).
-26	FH(A)	Appropriate Proof & Leave to Proceed	1981/82 Construction Phase - Zone 6/Compressor Station 367 (FA-11).
-26	FH(S)	Appropriate Proof & Leave to Proceed	1981/82 Construction Phase - Zone 9/Compressor Stations 392 (FS-2) & 394 (FS-4).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 1			
06-29	FH(SY)	Amendment to Land Use Permit #YAIS 862	Geotech Drilling - Yukon/new drilling areas (see also 1981-04-21).
-29	FH(A)	Operations & Safety Manual/Environmental Procedures	1980/81 Construction Phase - Zone 7/Qualified Acceptance Only (see also 1981-03-10).
-30	FH(A)	Detailed Design Drawings	1981 Construction Phase - Zone 6/Qualified Acceptance only (see also 1981-05-20, 25 & 28 and 1981-06-05 & 16).
-30	FH(Y)[FH(SY), FH(NBC) & FH(A)]	Fracture Control Methodology	Zones 1, 2, 3, 4 & 5/Qualified Acceptance only.
-30	FH(A)	Geotechnical Design/River Crossings	1981 Construction Phase - Zone 6 (see also 1981-04-07 & 22 and 1981-06-05 & 16).
07-02	FH(SY)	Water Use Authorization Y2A3-2046	Water well drilling and testing - Yukon.
-02	FH(SY)	Amendment to Land Use Permit #YAIS889	Right-of-way surveys - Yukon (see also 1981-06-02).
-06	FH(A)	Notice of Hearing - Leave to take additional lands	1982 Construction Phase - Zone 6.
-06	FH(A)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 6/Partial Construction Section 1A.
-06	FH(S)	Crossings of Highways & Utilities	1981 Construction Phase - Zone 9/Partial Construction SEction 4.
-07	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6/Partial Construction Section 1A.
-07	FH(A)	Crossings of Highway & Utilities	1981 Construction Phase - Zone 6/Partial Construction Section 1A.

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1981			
07-09	FH(A)	Crossings of Highway & Utilities	1981 Construction Phase - Zone 6/Partial Construction Section 1A.
-10	FH(A)	Detailed Design Drawings/Pipeline	1981 Construction Phase - Zone 6 (see also 1981-05-20, 25 & 28 and 1981-06-05, 16 & 30).
-10	FH(S)	Detailed Design Drawings/Pipeline	1981 Construction Phase - Zone 9 (see also 1981-04-23 & 29, 1981-05-20, 25 & 28 and 1981-06-17).
-10	FH(S)	Water Withdrawal/Discharge Information Hydrostatic Testing Program	1981 Construction Phase - Zone 9 - Qualified Acceptance only.
-13	FH(A)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 6/Partial Construction Section 1A.
-13	FH(S)	Appropriate Proof & Leave to Proceed	1981 Construction Phase - Zone 9/Partial Construction Section 4.
-16	FH(A) & FH(S)	Detailed Design Drawings/Compressor & Meter Stations	1981-82 Construction Phase - Zones 6 & 9 (see also 1981-03-20, 1981-04-07, 1981-06-03 & 23 and 1981-07-10).
-20	FH(A)	Design Verification	1981 Construction Phase only - Zone 6.
-20	FH(S)	Design Verification	Zone 9.
-20	FH(A)	Construction Specifications/Pipeline	1981 Construction Phase - Zone 6 (see also 1981-04-07).
-20	FH(S)	Construction Specifications/Pipeline	Zone 9 (see also 1981-04-07).

NORTHERN PIPELINE AGENCY

NOTIFICATIONS OF APPROVALS AND THE LIKE GRANTED IN RESPECT OF THE ALASKA HIGHWAY GAS PIPELINE PROJECT

LETTER DATED	ADDRESSED TO	SUBJECT MATTER	REMARKS
1 9 8 1			
07-20	FH(A) & FH(S)	Construction Specifications/Compressor & Meter Stations	Compressor Station 367 (FA-11) Compressor Stations 392 (FS-1), 394 (FS-4) and Monchy Meter Station (491) only (see also 1981-05-11).
-20	FH(A) & FH(S)	Construction Inspection Procedures/Facilities	Compressor Station 367 (FA-11) Compressor Stations 392 (FS-1), 394 (FS-4) and Monchy Meter Station (491) only (see also 1981-05-11).
-23	FH(SBC)	Inspection & Monitoring Guidelines/Meter Station	1980/81 Construction Phase - Zone 8/Kingsgate Meter Station.
-23	FH(A)	Leave to take additional lands for pipeline purposes	1982 Construction Phase - Zone 6 (Affects 19 landowners).
-24	FH(SBC)	Operations & Safety Manual/Environmental	1980-81 Construction Phase - Zone 8/Qualified Acceptance only.
-26	FH(A)	Revisions/Addition to Detailed Design Drawings/Pipeline	1981 Construction Phase - Zone 6 (see also 1981-07-10).

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Canada. Northern Pipeline Agency
AUTHOR

Notifications of approvals and the
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